

Title (en)  
PROCESS FOR THE ETHERIFICATION OF GALACTOMANNANS

Publication  
**EP 0234014 B1 19930721 (DE)**

Application  
**EP 86116804 A 19861203**

Priority  
DE 3604795 A 19860215

Abstract (en)  
[origin: US4758282A] A process for the dry cationization of galactomannans by reaction with alkylidene epoxides in an alkaline medium in the presence of water at 5 DEG to 60 DEG C. and in the presence of finely divided, hydrophilic silicic acid.

IPC 1-7  
**C08B 37/14**

IPC 8 full level  
**C08B 37/00** (2006.01); **C08B 37/14** (2006.01)

CPC (source: EP US)  
**C08B 37/0087** (2013.01 - EP US); **C08B 37/0096** (2013.01 - EP US)

Citation (examination)  

- Patents Abstracts of Japan, Band 5, Nr.94(C-59)(766), 19.06.1981; & JP-A 5636501
- Chemicals Abstracts, Band 93, Nr.18, 03.11 1980, Seite 281, Zusammenfassung 172598n, Columbus, Ohio,US; M.S.Y:Bhatty et al.: "Interaction of alkalies with Hydrating and hydrated calcium silicates"

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EP0874000A3; FR2980795A1; EP0303040A3; WO2013050427A1

Designated contracting state (EPC)  
BE DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 0234014 A2 19870902; EP 0234014 A3 19880504; EP 0234014 B1 19930721**; AU 593322 B2 19900208; AU 6850687 A 19870820; BR 8606472 A 19871020; DE 3604795 A1 19870820; DE 3604795 C2 19880204; DE 3688740 D1 19930826; ES 2058058 T3 19941101; FI 82840 B 19910115; FI 82840 C 19910425; FI 870249 A0 19870121; FI 870249 A 19870816; IN 168086 B 19910202; JP H0721001 B2 19950308; JP S62192402 A 19870824; US 4758282 A 19880719; ZA 87717 B 19870930

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